

ninoSAFE XL

Superior Inner Dimensions

EN 12469 and optionally DIN 12980

ninoSAFE XL Safety Cabinet has extraordinary inner dimensions for use where a normal MSC not has sufficient inside space. Interior height is 1000 mm and interior depth is 900 mm. The complete front can be opened to easily fit in large devices, e.g. a pipetting robot. ninoSAFE XL is manufactured according to EN 12469 and can optionally be delivered as a three-filter cabinet with H14 prefilters according to DIN12980.

ninoSAFE XL has large internal dimensions and therefore of course also large external dimensions. However, due to the smart design it is possible to finally assemble the unit on site in case of narrow doorways.

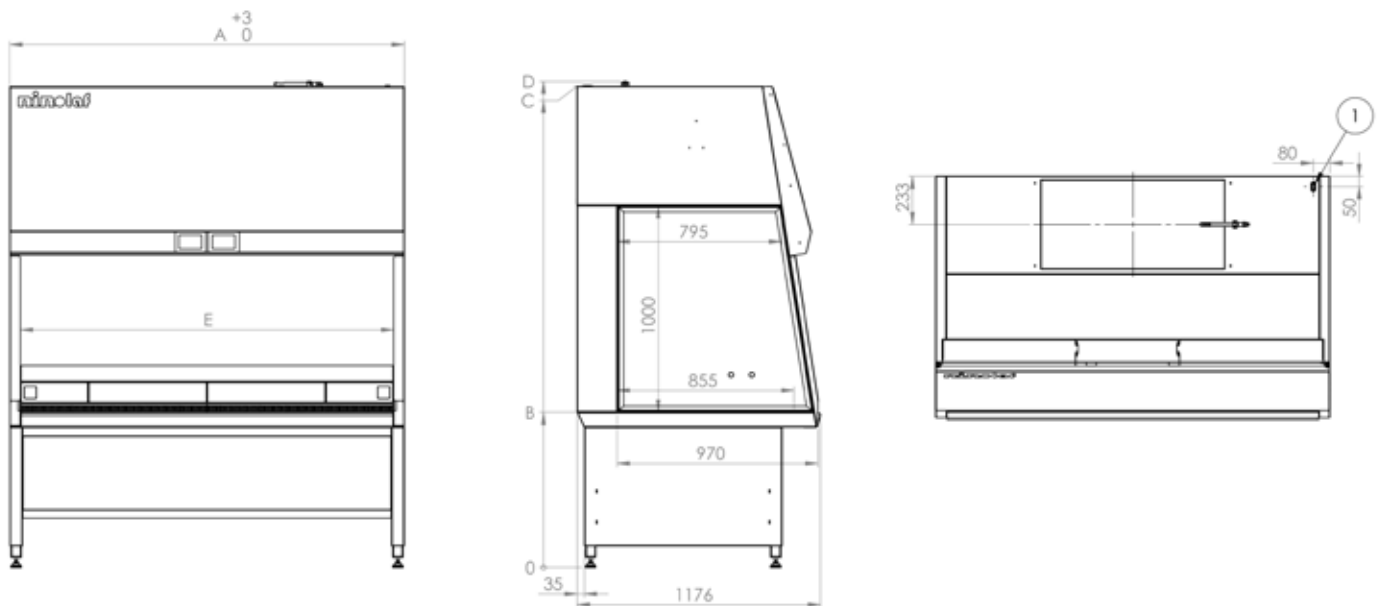
ninoSAFE XL can also be delivered as ninoSAFE Class II B2 XL cabinet with 100% exhaust or as ninoSAFE Sterile XL for product protection.



Optional H14 pre filters according to DIN12980

Technical Specifications

TECHNICAL SPECIFICATIONS ninoSAFE XL				
Size		1200	1500	1800
Dimensions				
External dimensions excl support, WxDxH	mm	1303x1176x1652	1603x1176x1652	1907x1176x1652
External dimensions incl support, table top at 800 mm, WxDxH	mm	1303x1176x2380	1603x1176x2380	1907x1176x2380
Internal dimensions, WxDxH	mm	1200x855(970)x1000	1500x855(970)x1000	1800x855(970)x1000
Front window opening	mm	200 (adjustable 160 - 330)		
Work height, adjustable support stand	mm	700-1050		
Work height, electrically elevated support stand	mm	750-1050		
Minimum door way	mm	1180, but can be finally assembled on site		
Weight				
Equipment	kg	310	350	390
Air velocity				
Vertical flow	m/s	0,28 (adjustable 0,25 - 0,53)		
Inflow	m/s	0.45 (adjustable 0.45 - 0.55)		
Deviation	±%	< 8		
Noise				
Noise level, measured according to EN12469	dB(A)	56	57	57
Ventilation				
Down flow rate	m3/h	960	1200	1440
Exhaust flow rate	m3/h	390	480	580
Filter technology				
Main/Exhaust	type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size		
Light				
LED	Lux	0-2000, dimmable		
Electrical data				
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60		
Power consumption, from	W	140	180	190



ninoSAFE XL specifications						
Cabinet	A - Length	B - Work height	C - Top cabinet	D - Highest point	E - Work opening	W - Weight
nino SAFE 1200 XL	1303 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1200 mm	310 kilo
nino SAFE 1500 XL	1603 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1500 mm	350 kilo
nino SAFE 1800 XL	1907 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1804 mm	390 kilo

Notes	
POS.	Description
1	Power Supply Point